**Housing Facilities, Manure Management/Environmental Quality and Record Keeping**

1. Match the Following

\_\_\_\_ Warm Housing A. Building that is uninsulated, has natural ventilation and

 temperatures similar to outside temperatures.

\_\_\_\_ Loose Housing B. Environmentally controlled building, keeping temperatures

 above freezing, regardless of outside temperatures.

\_\_\_\_ Stall Housing C. Where animals are confined to their box or tie stalls.

\_\_\_\_ Cold Housing D. Normally used for dairy goats including freestalls.

1. Goats are most comfortable between \_\_\_\_\_\_ and \_\_\_\_\_\_ degrees F.
2. When temperatures elevate past \_\_\_\_\_\_ degrees F, problems arise with \_\_\_\_\_\_\_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. This type of housing uses less bedding, houses animals that receive more individual care and are considered more labor intensive. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Kids are normally weaned at this age. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. No matter what type of housing or operation you have, your goats must be in an area that is \_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_, and free from \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
6. In extremely cold weather, \_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ can used to help maintain body temperature.
7. Bucks require \_\_\_\_\_\_ to \_\_\_\_\_\_ square feet of pen space and \_\_\_\_\_\_ square feet of exercise area per animal.
8. Good fencing is key with goats for two reason; name them.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Dairy goats excrete how much feces and urine? \_\_\_\_\_\_\_\_/day
2. As an animal owner and caretaker there are specific \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ regulations that must be followed to protect the water supply.
3. What is the best way to control flies on livestock farms? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. What does DHIA stand for? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Match the following:

\_\_\_\_ Herd Management A. Overhead expenses such as equipment and labor

\_\_\_\_ Performance Information B. Costs incurred because of your project, such as

 feed, veterinary expenses, and bedding.

\_\_\_\_ Business Management C. Milk yield or growth

\_\_\_\_ Fixed Costs D. Focuses on whether the farm makes a profit.

\_\_\_\_ Variable Costs E. Focuses on productivity and health of the animals

 and their environment.

1. Profit = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Label the following costs according to what type of cost they are: (F) Fixed or (V) Variable

\_\_\_\_ Straw \_\_\_\_ Vet Papers \_\_\_\_ Buckets/Feeders

\_\_\_\_ Replacement Milk \_\_\_\_ Hay \_\_\_\_ Penicillin

\_\_\_\_ Barn Electric \_\_\_\_ Grain \_\_\_\_ Labor

1. Based on the housing requirements that goats must have, design a pen and exercise area you would have for your 4-H goats. (Money is not an option in this scenario, so dream big)